

# THE SUNDERLAND FORGE & ENGINEERING COMPANY, LIMITED.



TEST OF DIRECT CURRENT GENERATOR, SIZE 14" x 11"  
AND ENGINE, SIZE 8" x 7". ORDER 63.W.107

For MESSRS. WILTONS ENGINEERING & SLIPWAY CO. FOR ANGLO SAXON PET.CO.

OUTPUT PLATE } 110 Volts 146 Amps 16 K.W. 390 Revs.  
STAMPED

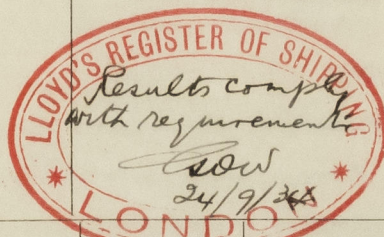
Continuous Rating Compound Wound, No. F.2865 Date 1934

Engine No. F.2765

Steam Pressure 80 lbs. per sq. inch.

## READINGS DURING TEST.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	DATE OF TEST 11/9/34	Remarks
		Volts	Amps.	Volts	Amps.			
<u>TEMPERATURE RUN.</u>								
15 p.m	390	110	147	81	2.85	120		
15	390	110	146	80	2.70	125		
15	390	110	146	80	2.68	120		
15	390	110	146	82	2.73	125		
15	390	110	146	82	2.75	120		
15	390	110	146	84	2.72	125		
15	390	110	146	84	2.70	125		
15	390	110	146	84	2.70	115		
15	390	110	146	84	2.70	115		
15	390	110	146	84	2.70	115		Temperatures taken.
<u>GOVERNING TESTS</u>								
	404	110	0	89	3.05	80		
	392	110	146	89	3.05	80		
	406	111	0	89	3.10	180		
	399	116	146	94	3.21	180		
	363	110	146	108	3.70	70		Least steam pressure for full load.
<div><div>LLOYD'S REGISTER OF SHIPS</div><div>Results comply with requirements</div><div>Row</div><div>24/9/34</div></div>								



Temperatures taken by thermometers	Armature	Commutator	Shunt Coils	Series Coils	Interpole Coils
Minimum Temperature recorded	119	108	113	116	-
Temperature	74	74	74	74	-
Temperature Rise in Degrees F.	45	34	39	42	-
Before Temperature Run			After Temperature Run		
Pressure Test on Generator	2000 Volts for	1 min.	2000 Volts for	1 min.	
Insulation Resistance of Generator	4	Megohms	5	Megohms	

Date 21/9/34

Signed JMD

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Lloyd's Register  
Foundation

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